

# At a Glance

## Regional Agricultural Research Station, Jamalpur

### Establishment

The station was established in 1952 as a Seed Multiplication Farm. A small-scale research was started in 1961. Later on, it was established as Regional Agricultural Research Station under Bangladesh Agricultural Research Institute on August 4, 1976. Presently, the station is headed by a Chief Scientific Officer along with 21 scientists of different disciplines.

### Location and extent

Regional Agricultural Research Station, Jamalpur is located at 1.0 km west of Jamalpur town. This research station is surrounded by Mymensingh-Dewanganj railway line in the South-West, Jamalpur town in the South, Old Brahmaputra River in the North-East and the village Pathalia in the North. The Station is located at about 200 km North-West from Dhaka city, situated at 24°56'11" N latitude, 89°55'54" E longitude and at an altitude of 16.46 m. This research station represents the region of the Agro-Ecological Zone 8 (Young Brahmaputra and Jamuna Flood Plain) and 9 (Old Brahmaputra Flood Plain).

### Land area

|  |   |         |
|--|---|---------|
| (i) Total area                             | : | 74 ha   |
| (ii) Research and seed multiplication area | : | 60 ha   |
| (iii) Infrastructure area                  |   |         |
| (a) Office area                            | : | 4 ha    |
| (b) Residential area                       | : | 7.25 ha |
| (c) Internal roads                         | : | 2.75 ha |

### Climate

|                                     |   |           |
|-------------------------------------|---|-----------|
| (i) Rainfall (July 2022-April 2023) | : | 1024.5 mm |
| (ii) Temperature (°C)               |   |           |
| (a) Maximum                         | : | 38.8      |
| (b) Minimum                         | : | 9.86      |
| (c) Average                         | : | 25.86     |
| (d) Humidity                        | : | 78.48     |

## Scientific Personnel

| <b>Designation</b>           |   | <b>Existing Post</b> |
|------------------------------|---|----------------------|
| Chief Scientific Officer     | : | 01                   |
| Principal Scientific Officer | : | 04                   |
| Senior Scientific Officer    | : | 04                   |
| Scientific Officer           | : | 10 (02 deputation)   |
| Total                        | : | 19                   |

## Scientific Staff

| <b>Designation</b>           |   | <b>Existing Post</b> |
|------------------------------|---|----------------------|
| Assistant Scientific Officer | : | 01                   |
| Scientific Assistant         | : | 21                   |
| Farm Attendant               | : | 01                   |
| Lab Technician               | : | 02                   |
| Total                        | : | 25                   |

## Activities of RARS, Jamalpur

### •Research

- ❖ Development of new varieties of BARI mandated crops
- ❖ Crop management practices
- ❖ Conservation of Plant Genetic Resources
- ❖ Agricultural Engineering and farm machinery
- ❖ Irrigation and Nutrient Management
- ❖ On-Farm Research and Development
- ❖ Adaptive Trial and Participatory Variety Selection
- ❖ Screening of appropriate crop varieties and production practices for the char land
- ❖ Socio-economics

### •Training

### •Demonstration

### •Field day

### •Seminar and Symposium

## Released varieties

1. BARI Lebu-4
2. BARI Sajina-1
3. BARI Sharisha-14
4. BARI Cheena Badam-8
5. BARI Cheena Badam-9
6. BARI Cheena Badam-11